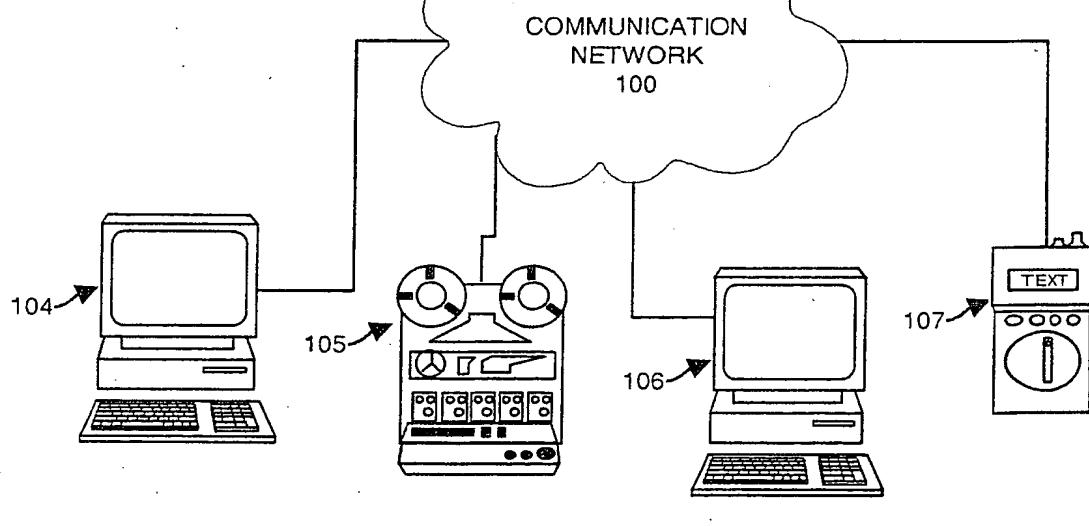


FIG. 1



USER DEVICES 104-107

FIG. 1

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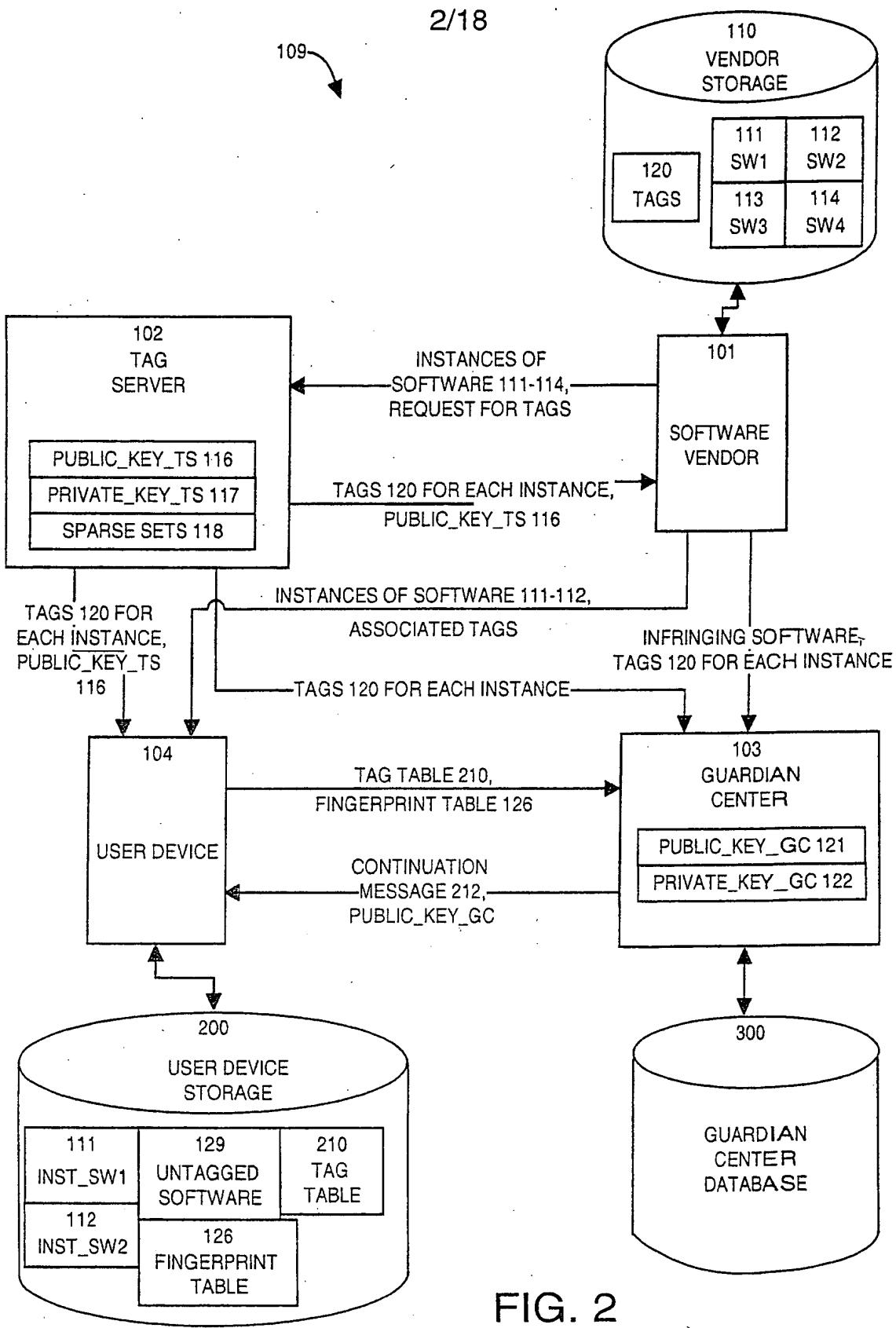
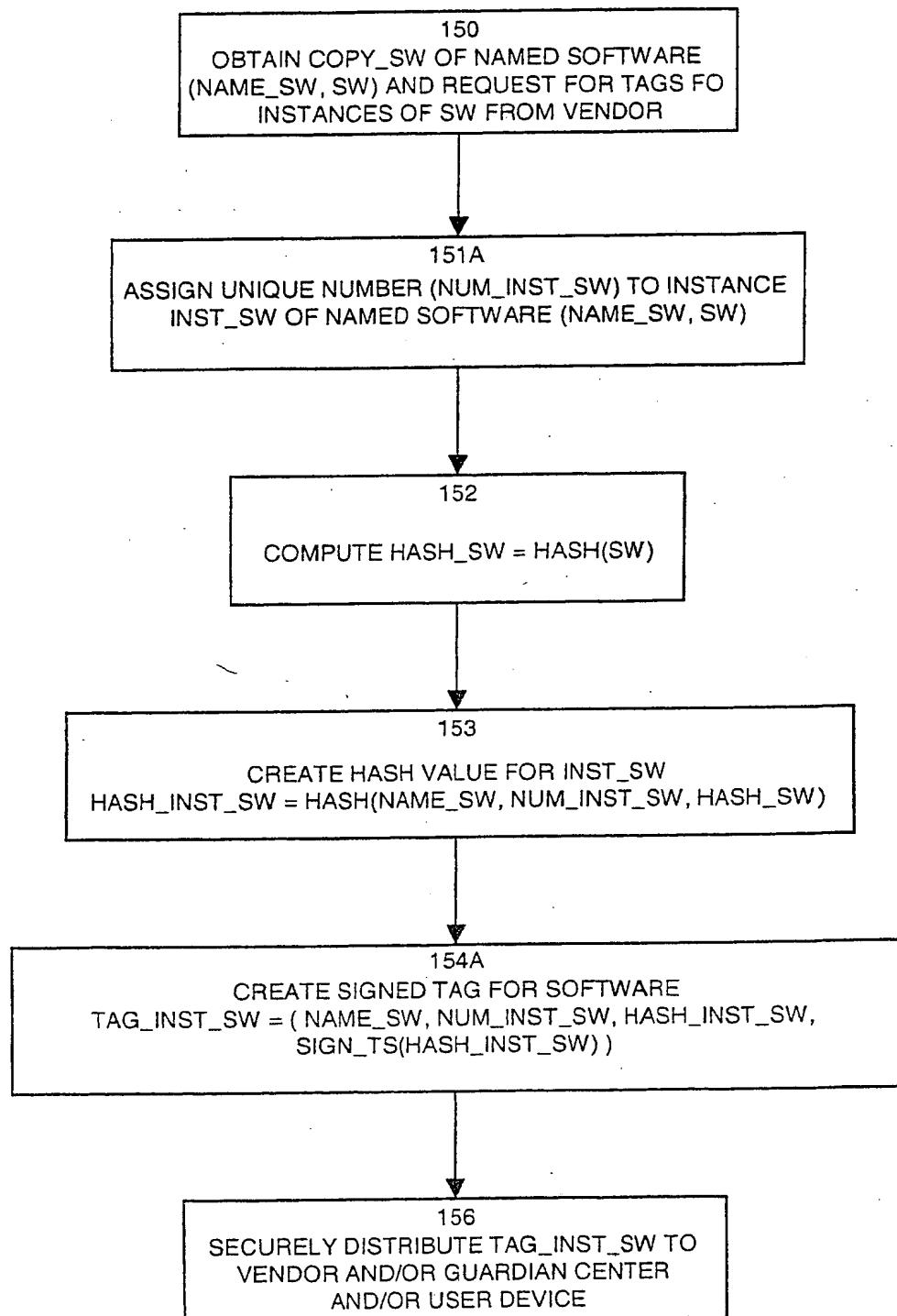


FIG. 2

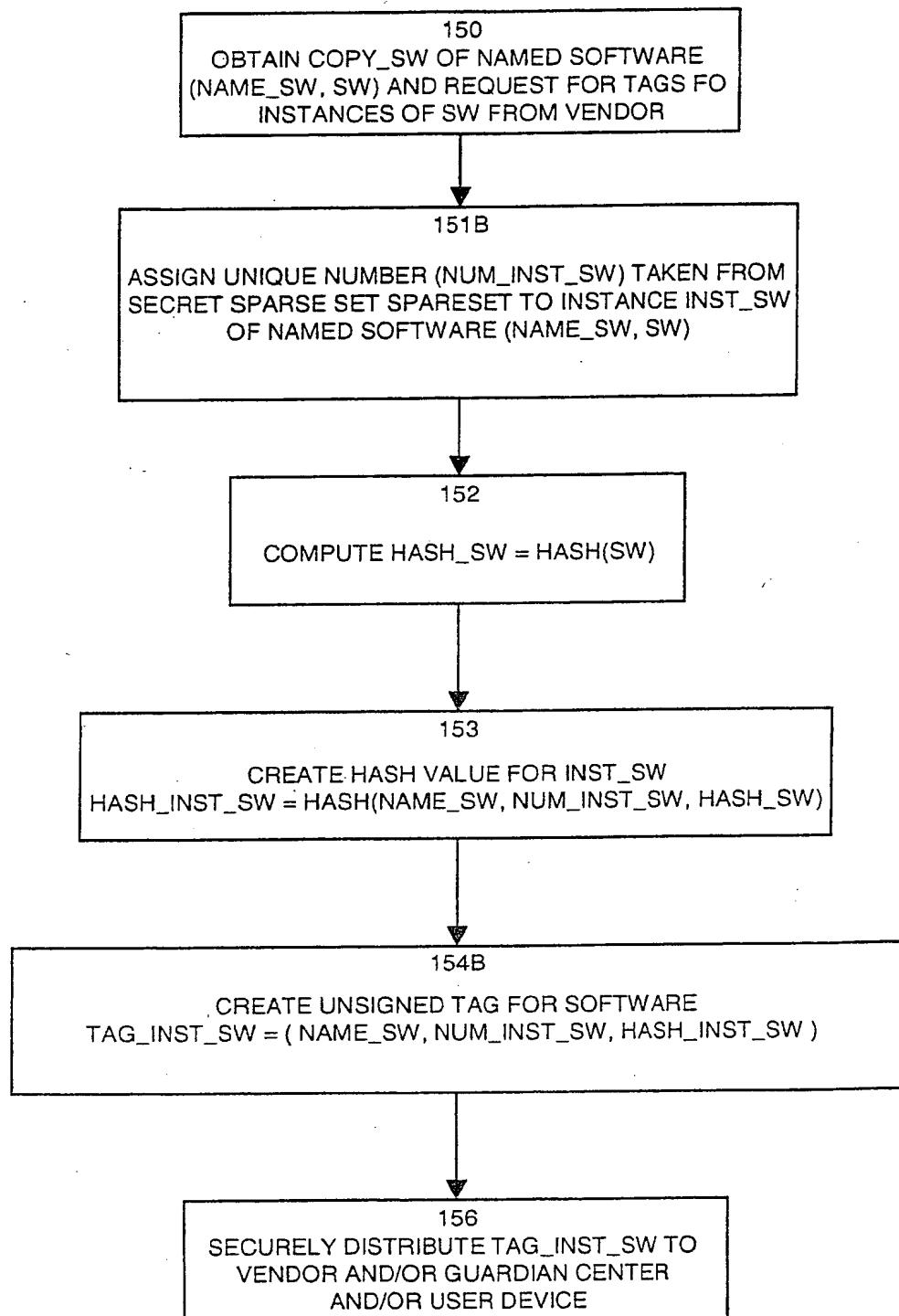
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SIGNED TAG CREATION BY TAG SERVER

FIG. 3A

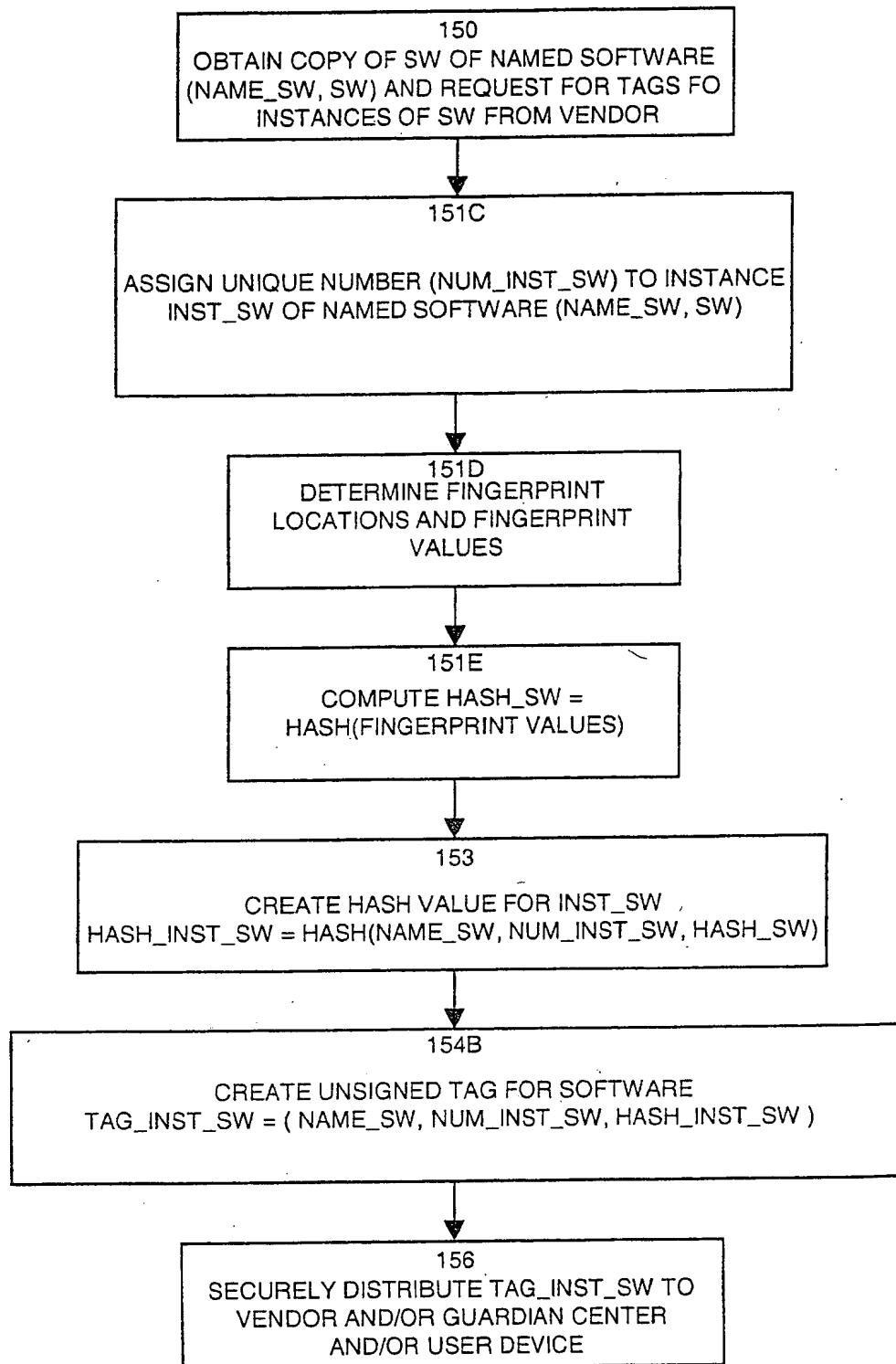
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UNSIGNED TAG CREATION BY TAG SERVER

FIG. 3B

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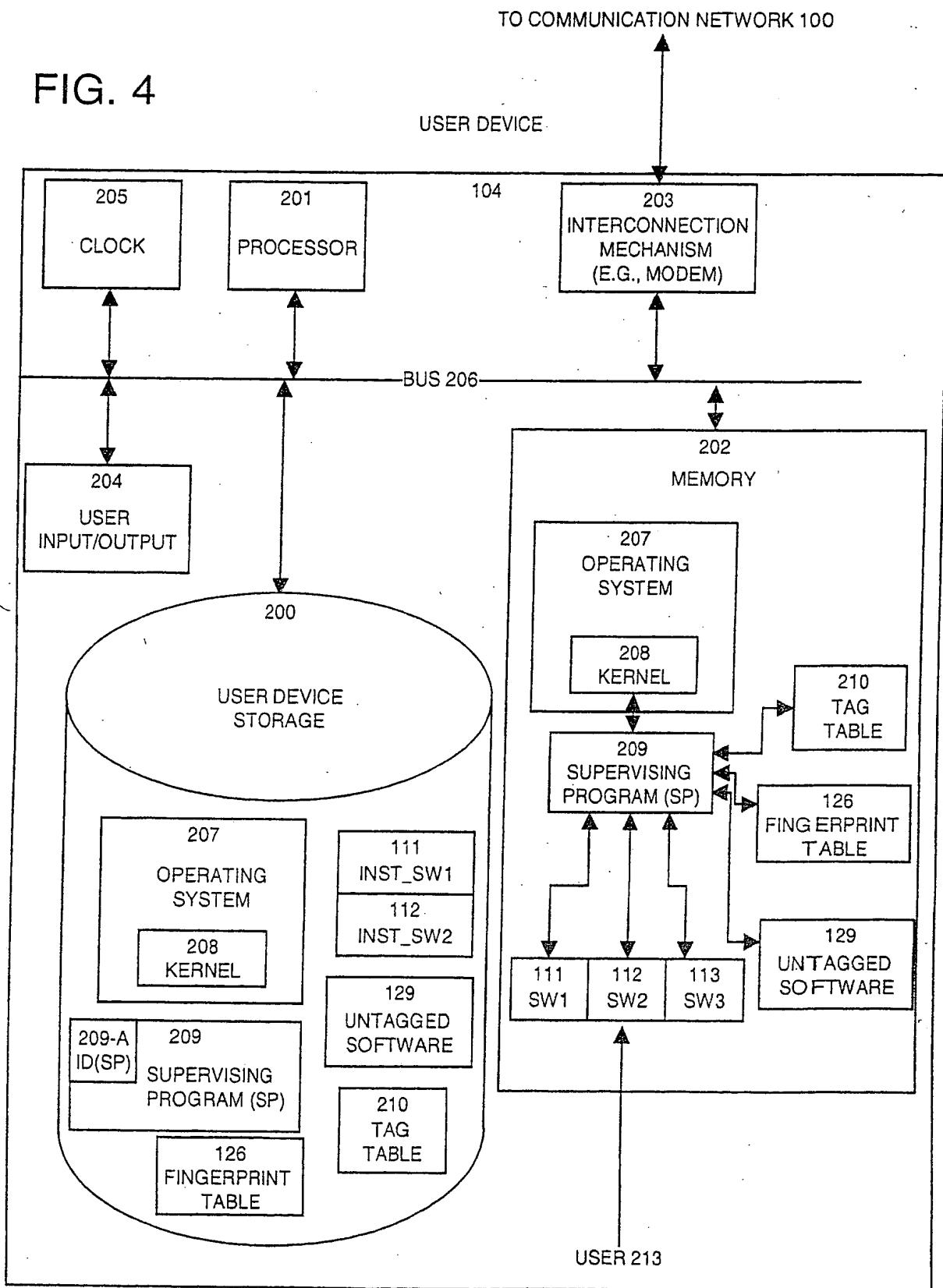


TAG CREATION USING SAME LOCATION FINGERPRINTING BY TAG SERVER

FIG. 3C

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FIG. 4



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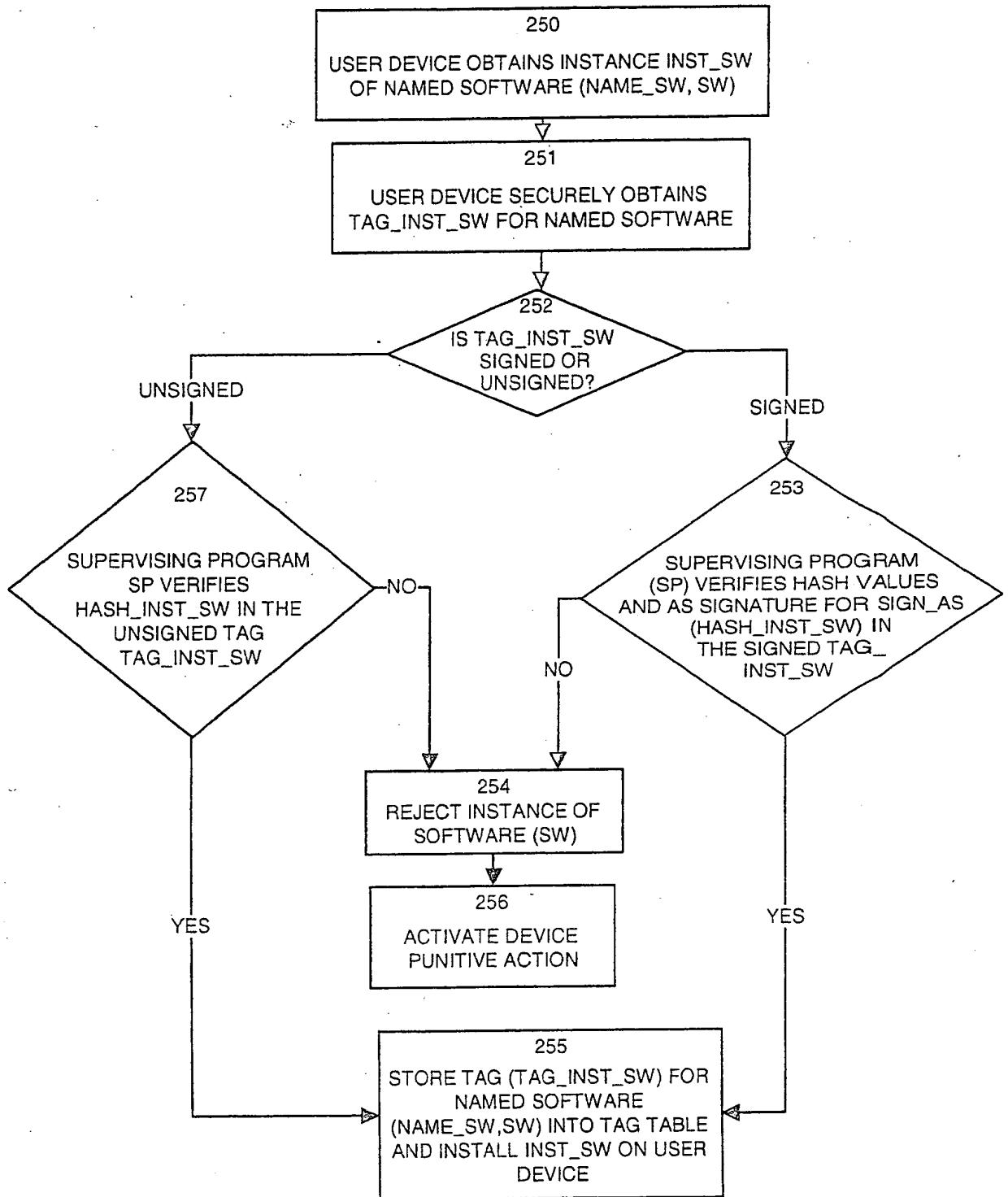


FIG. 5

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TAG TABLE

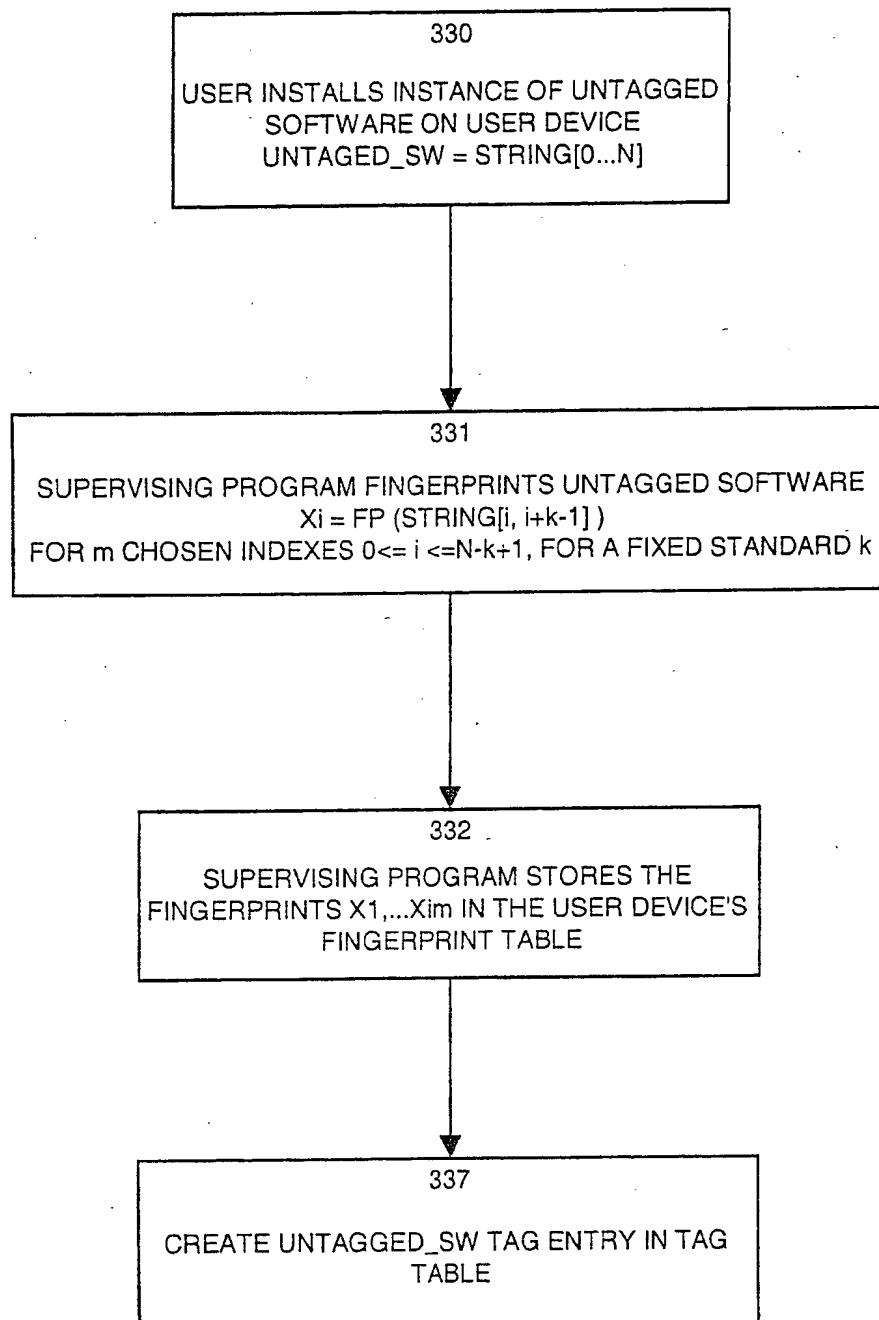
210 HEADER_TAG_TABLE=(ID_TAG_TABLE, LAST_GC_CM, LAST_CALLUP_TIME, NUMBER_DEVICE_BOOTUPS)					
TAGS	USAGE	STATUS	ACTION TIME	RUN COUNT	USE TIME
TAG_INST_SW1	CONTINUED		11/22/98 11:02	10	00:58
TAG_INST_SW2	INSTALLED		11/24/98 21:36	3	00:11
	REMOVED		11/26/98 09:31		
TAG_INST_SW3	GC DISABLED		11/22/98 11:02	0	00:00
TAG_INST_SW4	CONTINUED		11/25/98 14:17	4	10:34
UNTAGGED_SW1	UNTAGGED		11/25/98 14:17	0	00:00

NOTE: ID_TAG_TABLE = (ID(USER)*, ID(DEVICE)*, ID(PP)*, ID(OS)*)

* MAY OR MAY NOT BE AVAILABLE

FIG. 6

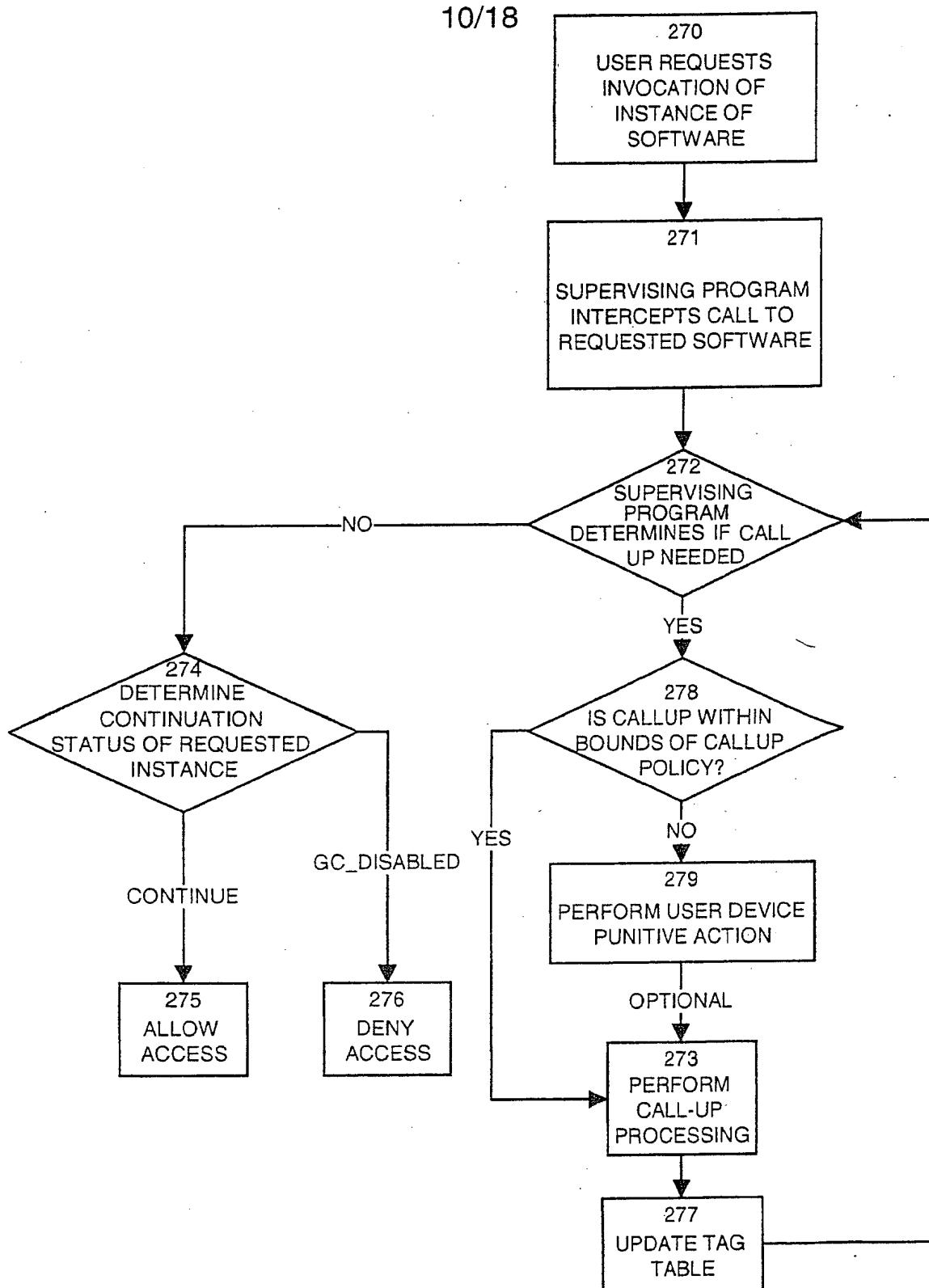
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INSTALLING UNTAGGED SOFTWARE (UNTAGGED_SW) ON USER DEVICE

FIG. 7

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USAGE SUPERVISION PROCESSING

FIG. 8

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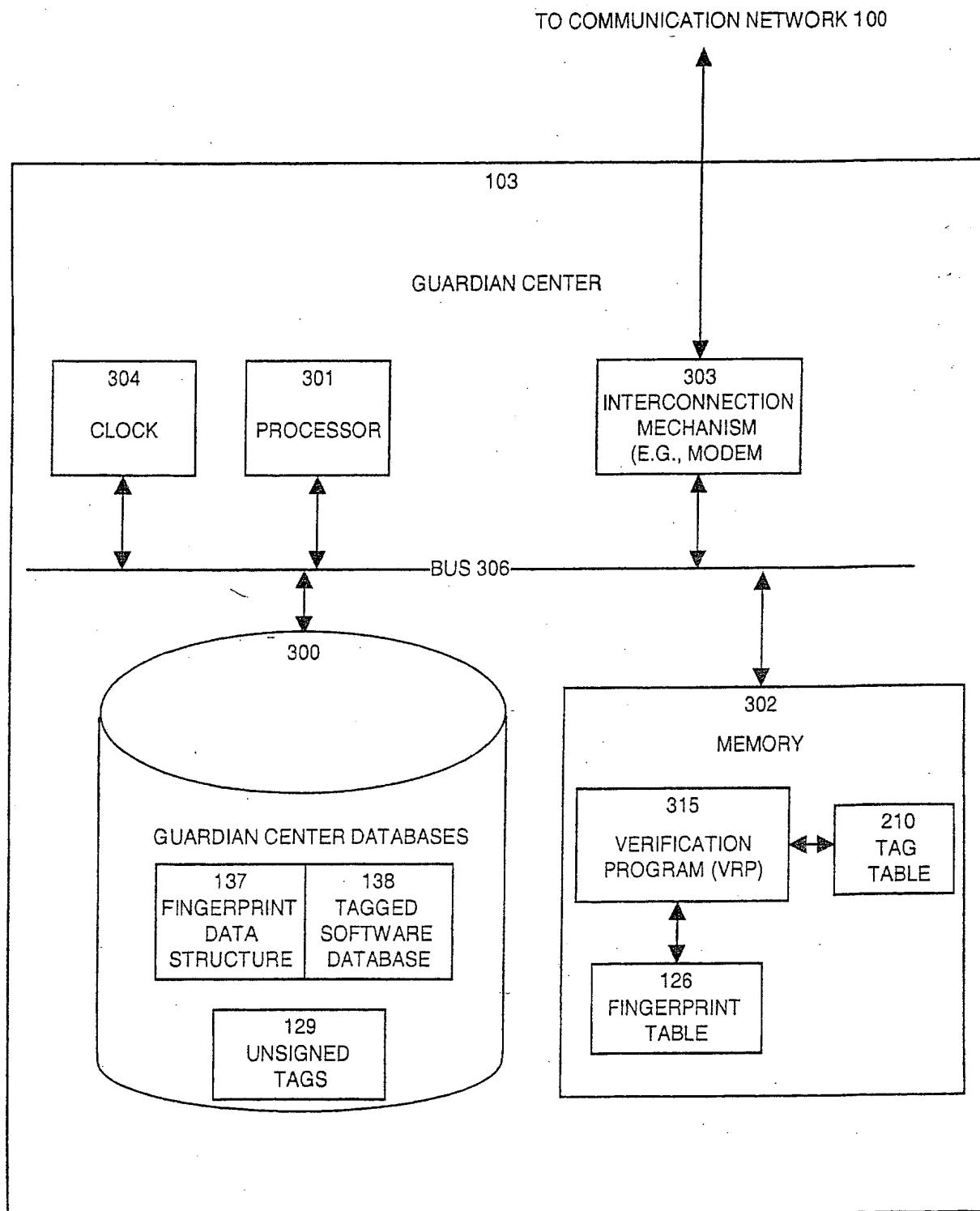


FIG. 9

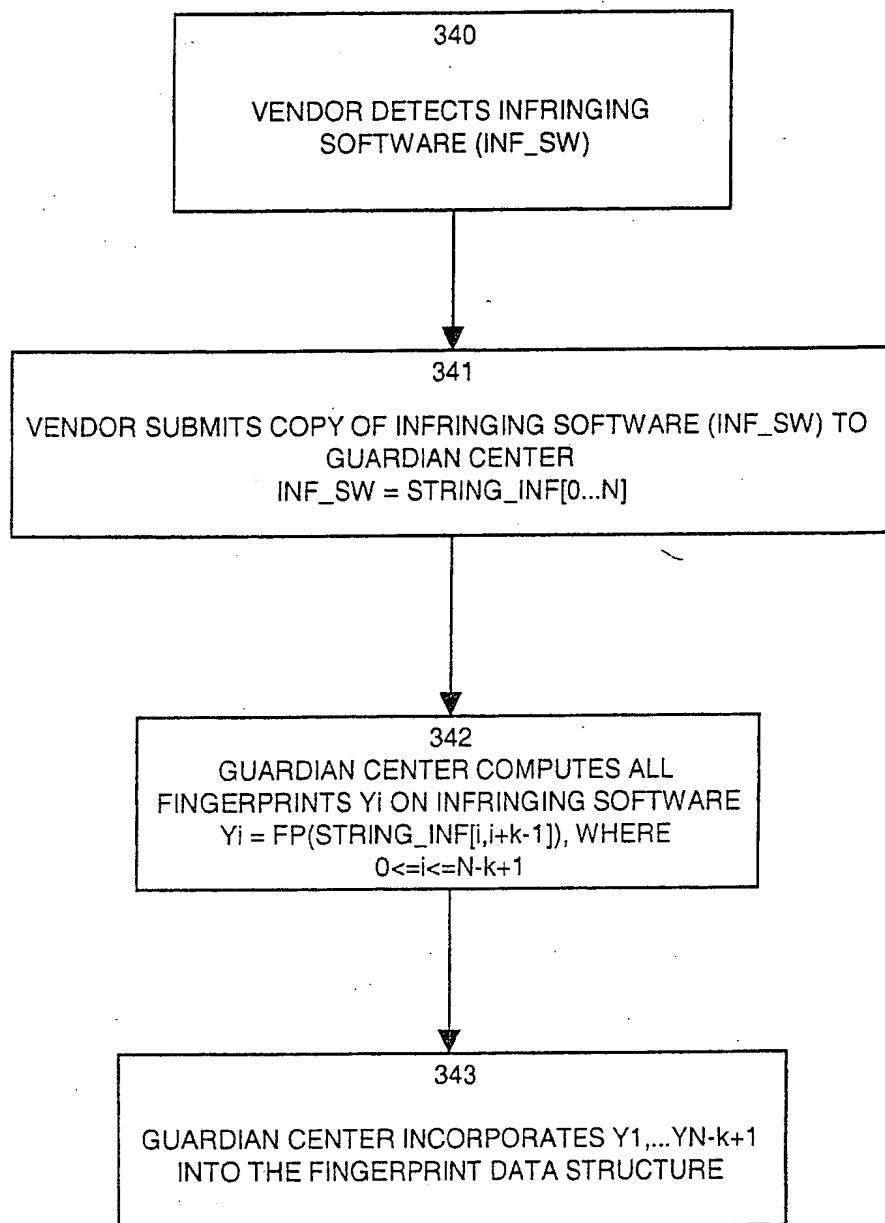
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320	(NUM_INST_SW, TAG_INST_SW, NAME_SW, HASH(SW), POLICY(TAG_INST_SW), POINTER TO SPARSE_SET(SW)) --> CALLUP_RECORD1--> CALLUP_RECORD2 --> CALLUP_RECORD3 --> ...
321	CALLUP_RECORD-N = (CALLUP_TIME, HEADER_TAG_TABLE OF CALLING DEVICE, LAST_CALLUP_TIME FROM DEVICE, HASH(TAG_TABLE), ACTIONS)

GUARDIAN CENTER DATA

FIG. 10

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GUARDIAN CENTER MADE AWARE OF INFRINGING SOFTWARE

FIG. 11

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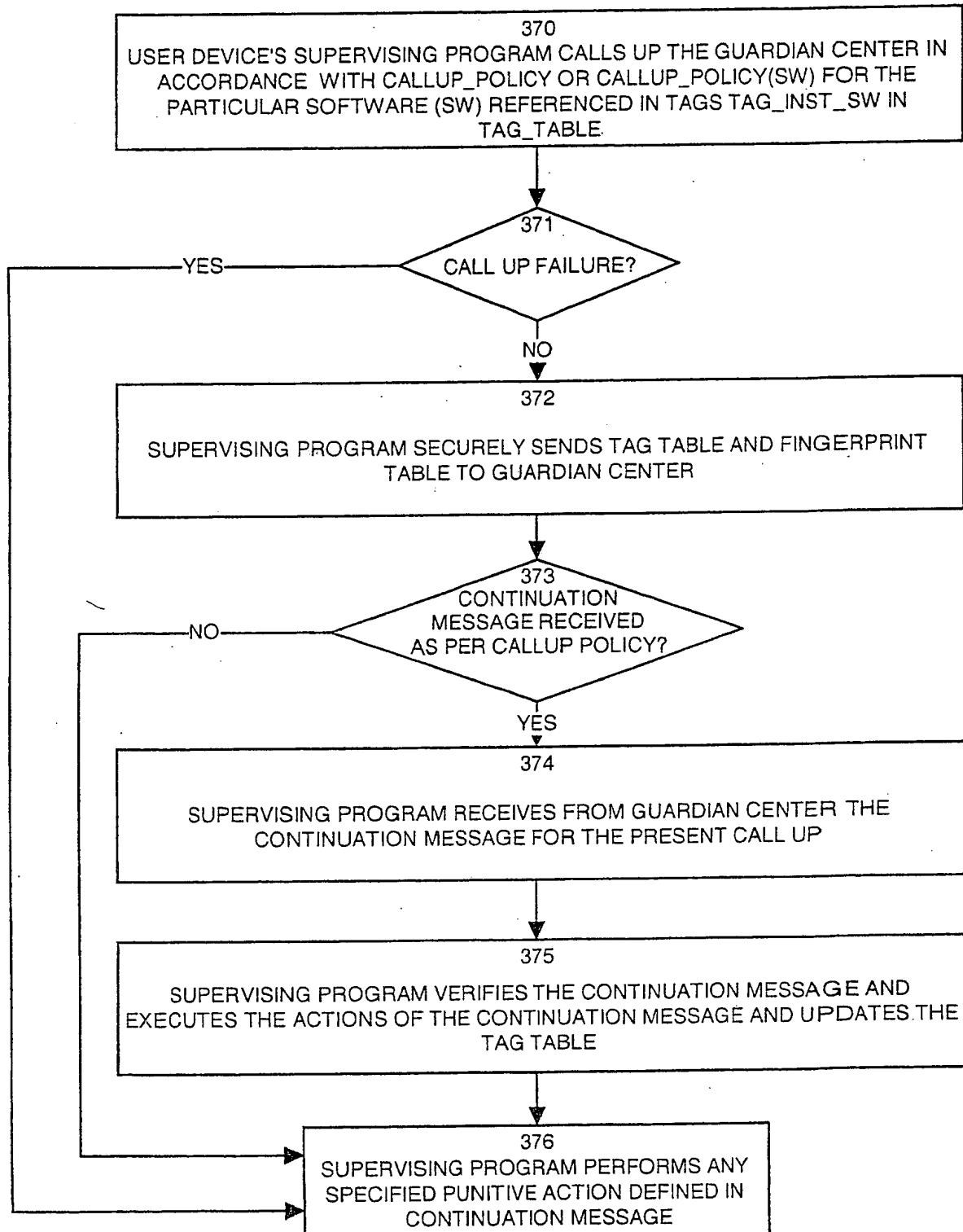


FIG. 12

CALL UP OF GUARDIAN CENTER FROM USER DEVICE

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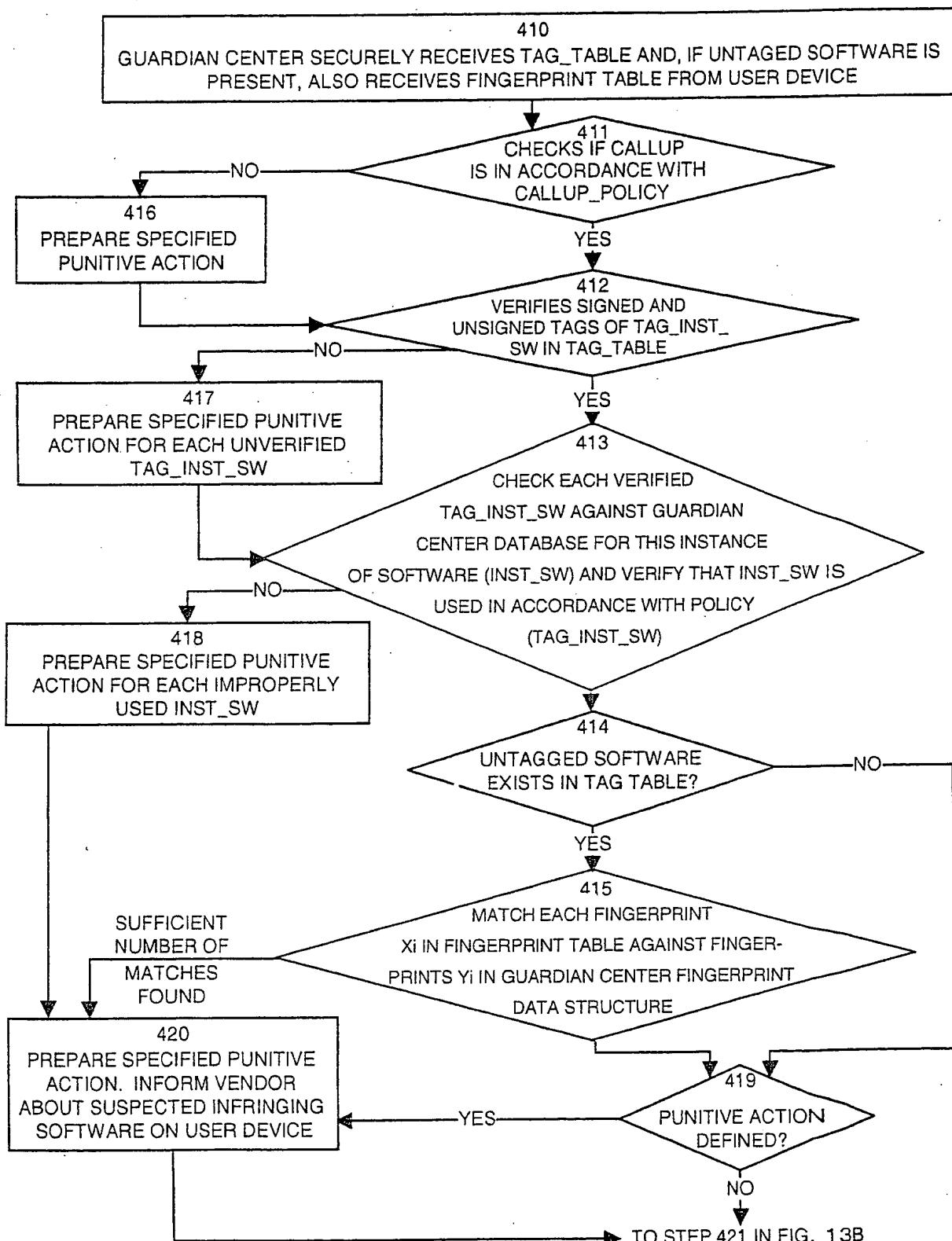
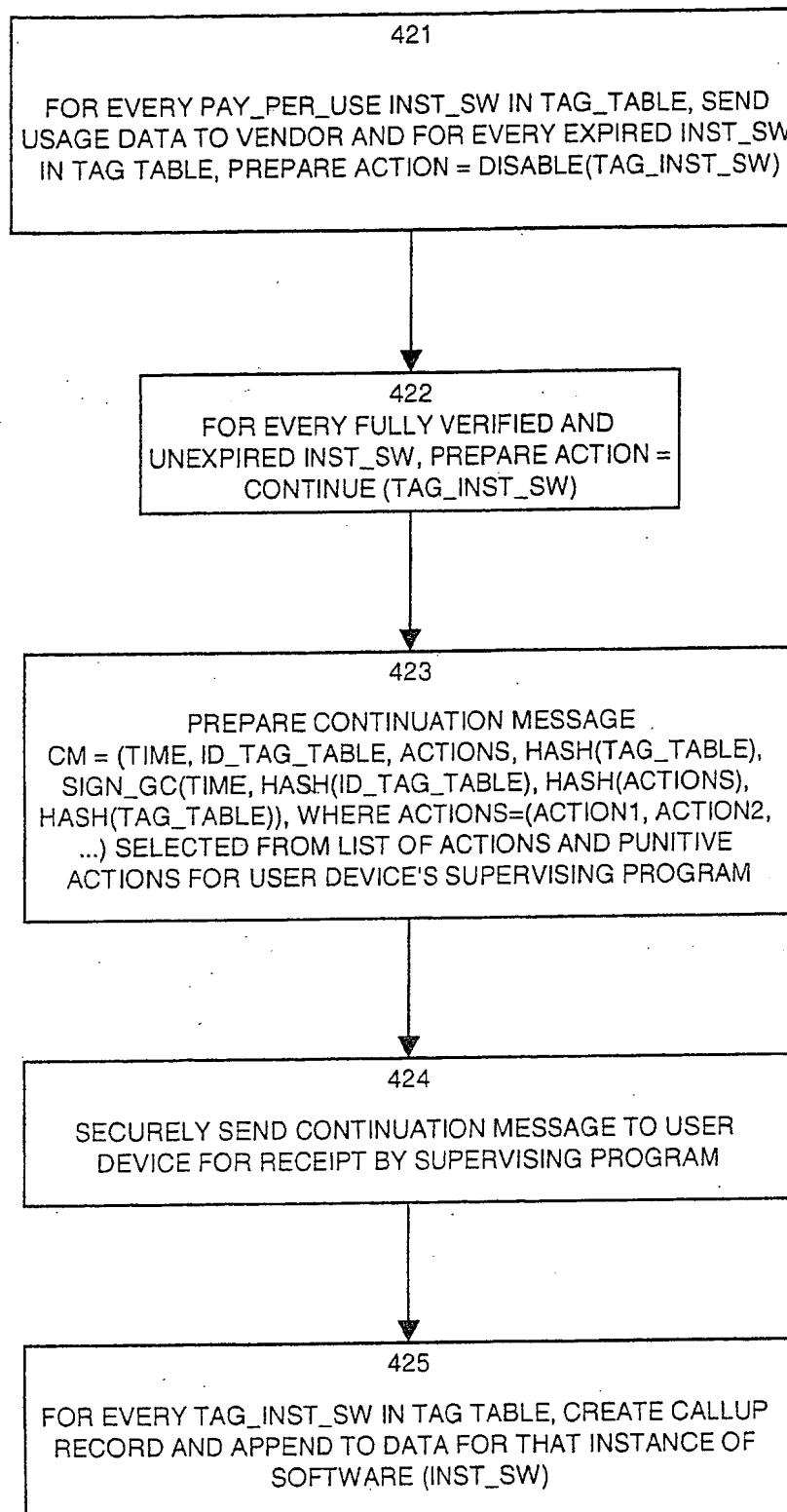


FIG. 13A

GUARDIAN CENTER CALLUP PROCESSING

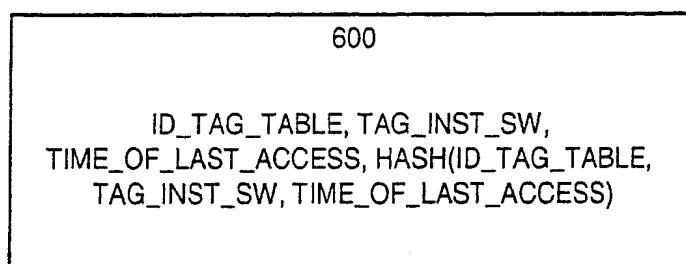
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GUARDIAN CENTER CALLUP PROCESSING

FIG. 13B

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DATA TRANSFERRED WITH SHARED SOFTWARE DATA

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TAG	ACCESS TIMES
TAG_INST_SW1	FEBRUARY 2, 1999 09:11 AM, DECEMBER 2, 1999 07:24 AM, FEBRUARY 1, 1999 09:36 PM, FEBRUARY 2, 1999 011:17 AM...
TAG_INST_SW2	JANUARY 5, 1999 10:19 PM, FEBRUARY 8, 1999 08:34 AM, FEBRUARY 5, 1999 01:33 PM...
TAG_INST_SW3	JANUARY 12, 1999 06:41 AM

SHARED SOFTWARE DATA SSD ACCESS TABLE

FIG. 14

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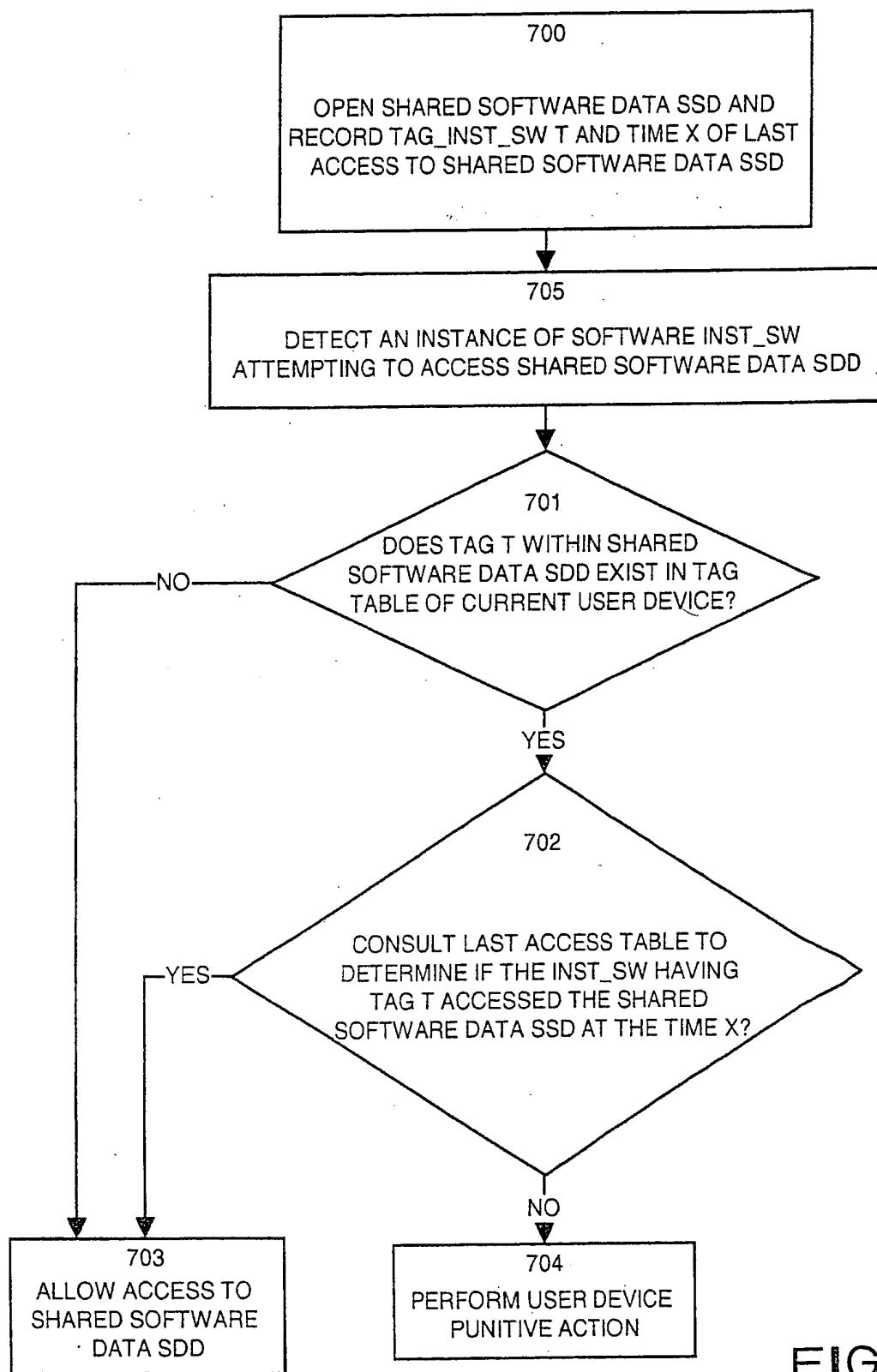


FIG. 15